

Claims

[c1] What is claimed is:

A floatable vessel lift comprising:

at least two floatable pontoon chambers, where each of the at least two pontoon chambers includes a cover and a base and a water inlet/outlet, where the cover side has an arcuate top longitudinal surface and the base side is substantially flat, each chamber having an upper arcuate configuration longitudinally;

at least two support members, where the least two support members horizontally join the at least two pontoon chambers; and

a single air infusion device where said air infusion device provides tubing to introduce air flow under pressure into the at least two pontoon chambers to exhaust water ballast.

[c2] The floatable boatlift according to claim 1, further comprising:

a plurality of stabilization members within each of the at least two pontoon chambers.

[c3] The floatable boatlift according to claim 1, further comprising:

at least one water flow opening on the base side of the pontoon chambers.

[c4] The floatable boatlift according to claim 1, further comprising:

at least two retractable guides.

[c5] The floatable boatlift according to claim 1, where one of the at least two support members is adapted to receive a bow portion of the vessel.

[c6] The floatable boatlift according to claim 1, where one of the at least two support members is adapted to receive a stern portion of the vessel.

[c7] A method of lifting a vessel comprising the steps of:
placing a vessel lift into a body of water, where the vessel lift includes at least two support members, at least two pontoon chambers and at least guides adjacent to the at least two pontoon chambers;
submerging the vessel lift into the water by allowing the influx of water into at least two pontoon chambers;
positioning a vessel between at least two guides, where said at least two guides extend vertically from the vessel lift;
infusing air into the at least two pontoon chambers;
and

controlling the elevation of the vessel lift by controlling the air flow into the pontoon chambers.

[c8] The method of lifting a vessel evenly according to claim 7, further comprising the step of:
inserting stabilization members into the pontoon chambers, at two different planes or levels.

[c9] All elements forming lift are plastic non-corrosion.